Applicant : Hamburg, et al.
Serial No. : 09/010,801
Filed : January 22, 1998
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interesting command has been entered (the yes branch of step 310). In linear history mode (the no branch of step 310), the history list items below the current state item and the corresponding states in the state history are discarded (step 316), other than any item selected as a source for history-based tools, such as the history paintbrush (see description of buttons 210, above).

Please replace the paragraph beginning at page 14, line 12 with the following rewritten paragraph:

To produce a practical implementation, it is advantageous to store document states in a form that allows a great deal of sharing between saved states, to keep to a minimum the amount of memory consumed in storing redundant information, and the processor resources consumed in writing and reading it. A data representation suitable for this purpose is described in commonly-owned U.S. Patent No. 5,905,506 to Hamburg for "Shared Tile Image Representations", the disclosure of which is incorporated here by this reference.

Please replace the paragraph beginning at page 14, line 22 with the following rewritten paragraph:

Referring to FIG. 4, aspects of the perform action step (step 304, FIG. 3) pertinent to an implementation of a state history feature will now be described. If the user's command is not an undo or a redo, that is, not the Ctrl-Z toggle, the command is stored in an undo buffer associated with the active document (step 414), such as buffers 134 and 144 of FIG. 1 (the yes branch of decision step 410 and step 412). If the command is an undo or a redo, the undo or redo operation of the command in the undo buffer is executed (step 412). It should be noted that the history-related commands, and in particular changes to the history list and the state history, can be subject to the conventional undo and redo (step 412). The provides an advantageous and elegant user interface that allows, for example, a user to toggle between two document states previously selected from anywhere in the state history with a single repeated keystroke.

In the claims:

Please amend claims 1, 3, 4, 5, 6, 9, 13, 14, 16, 17, 18, 22, 37, 39, 40, 41, and 42 as follows: